

GUIDED PRACTICE

MATERIALS



toy car



white paper



tape



cardboard



book



sandpaper

Friction and Motion



Ask a question: How does friction affect the motion of an object?

- 1 Look at the picture. Make a ramp like the one you see above.
- 2 Place the toy car at the top of the ramp. Let it go.

- 3 Measure the distance that the toy car traveled until it stopped. Record your observations.
- 4 Replace the white paper with the sandpaper.
- 5 Repeat Steps 2 and 3.

Car Movement Results	
Surface	Distance (cm)
white paper	
sandpaper	

- 6 Analyze and Conclude
How does friction affect the motion of the toy car?
